PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
FABIAN KOPP	12/20/2018
ATTILA MOLNAR	12/20/2018
BJOERN MUERMANN	12/19/2018
FRANZ EBERHARD	12/18/2018

RECEIVING PARTY DATA

Name:	OSRAM Opto Semiconductors GmbH	
Street Address:	Leibnizstrasse 4	
City:	Regensburg	
State/Country:	GERMANY	
Postal Code:	93055	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16310787

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	OSR-532
NAME OF SUBMITTER:	JENNIFER PILCHER
SIGNATURE: /Jennifer Pilcher/	
DATE SIGNED:	01/04/2019

Total Attachments: 3

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PATENT REEL: 047901 FRAME: 0713

Attorney Docket No. OSR-532 P2016,0708 US N / 2016P00405WOUS (JSK/MRB)

ASSIGNMENT

For good and valuable consideration, I, Fabian Kopp, residing at 1H-7-2 Andaman at Quayside, Jalan Seri Tanjung Pinang, 10470 Tanjung Tokong Penang, Malaysia, a citizen of Germany; Attila Molnar, residing at Platino Condo, A19-03, Lebuh Tunku Kudin 2, 11700 Gelugor Penang, Malaysia, a citizen of Germany; Bjoern Muermann, residing at Kreuzgasse 14, 93047 Regensburg, Germany, a citizen of Germany; Franz Eberhard, residing at Floesserstrasse 6, 93059 Regensburg, Germany, a citizen of Germany;

hereby sell, assign, and transfer to OSRAM Opto Semiconductors GmbH, a corporation organized and existing under the laws of Germany, having its principal place of business at Leibnizstrasse 4, 93055 Regensburg, Germany;

hereinafter "Assignee," its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in U.S. Patent Application No. 16/310,787 filed December 17, 2018, which is entitled "Radiation-Emitting Semiconductor Chip," and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper

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patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	20. <u>December 2018</u>	Fabian Kopp
Date:	20.December 2018	Attila Molnar
Date:		Bjoern Muermann
Date:		Franz Eherhard

Attorney Docket No. OSR-532 P2016,0708 US N / 2016P00405WOUS (JSK/MRB)

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Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:		Fabian Kopp
Date:		Attila Molnar
Date:	19 Dozomber 2018	Boll Lucio
Date:	18. December 2018	Franz Eberhard

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RECORDED: 01/04/2019